

# Data Integration Project

The Data Integration Project aims to bring together different data sets from a variety of stakeholders in the justice system with the objective of enhancing the quality of the information we get about the clients who are part of the system (i.e., offenders, inmates).

## Why Data Integration?

1. It is Inevitable
2. It makes Financial Sense
3. It is Complicated

## The Adult Criminal Justice System

From a high-level perspective, the adult justice system is comprised of three main branches.



Law Enforcement



Adjudication



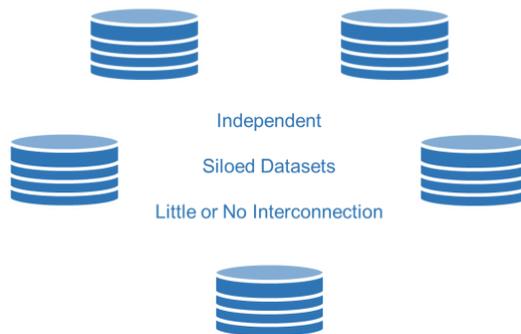
Corrections

# The Justice System Data Flow



Each of the boxes shown above are generating data about the individual who committed the crime. For the most part all this data resides in isolated silos.

## Current Data Status



The main idea is to join these isolated silos and, from the data, create more useful and critical information about the individual. Better information would provide a powerful tool to stakeholders and researchers to better understand where the system is less optimized, and therefore provide ideas and solutions with the objective of helping each individual participant in the justice system to have the best outcome possible.

## Recommendations

- Engage individual groups willing to participate in a Integrated Data Study
- Creation of a Work Group tasked with the responsibility of studying each participant's dataset
- Work Group to provide a final report listing possible data integration schemes and cost estimates to stakeholders

# Project Plan

## Project Plan – *DMADV* Approach

*(Define – Measure – Analyze – Design – Verify)*

### ***Define*** – System Integration and Consolidation Strategy

- Review Initial Strategy
- Review Current Organization
- Review/Inventory Current Environment For Each Participant
- Understand Non-Negotiables
- Review Planned and Current Projects
- Create Integration Projects Outlines
- Establish User Committee
- Create Project Charter
- Conduct Tollgate Review

### ***Measure*** - Environment

- Identify External CTQs
- Identify Internal CTQs
- Establish IT Baselines
- Get But-in
- Conduct Tollgate Review

## **Analyze** – Prioritize IT Requirements

- Define Project Organization
- Determine Integration Requirements
- Define Application Architecture
- Determine System Requirements
- Define Current Technology Architecture
- Assess System and Process Effectiveness
- Develop Conceptual Design
- Develop Full Integration Plan
- Conduct Toll Gate Review

## **Design** – System Conversion & Enhancement

- Design Application Enhancements
- Assess Training Needs
- Design Data Conversion and Interfaces
- Design Testing
- Design Technical Environment
- Construction and Unit Testing
- Implement Technical Environment
- Conduct Tollgate Review

## **Verify** – IT Ecosystem

- Develop Control Plan
- Test and Verify Environment
- Develop Deployment Plan
- Establish Pilot/Production Environment
- Deploy Production Environment
- Verify IT Measurements
- Get But-in
- Conduct Tollgate Review

